

### **ABSTRACT OF THE DISCLOSURE**

A multi-axis scanning module (20) for direct light to and collecting light from a photo-stimulatable radiographic media (28) comprises a housing (10) having a ellipsoid chamber (25) moveable on a first axis (61) relative to a radiographic media. A laser (18) is disposed in a channel (12) to generate a laser beam (19) of stimulating electromagnetic radiation through the channel and out of a first opening (14) in the housing to stimulate an area of the radiographic media. A filter (32) for passing only emitted light (34) from the area, wherein the filter is disposed between the ellipsoid chamber and a second opening (16). A light detector (30) disposes adjacent the filter in the second opening. The multi-axis scanning module is adapted to move transitionally on the first axis while the laser is dithered on a second axis relative to the first axis to enable swath scanning of the radiographic media and production of an electronic signal.